

U.S. Patent Application Serial No. unassigned  
Preliminary Amendment to Continuation Application

In the Claims: Please make the following amendments:

Claim 1 (Amended - Please Examine in Divisional - Not Elected in 10/045,371) A

~~container blank~~ An article with a at least one ferrite region comprising:

a substrate folded into one or more panels ~~a plurality of fold lines;~~  
~~at least one aperture;~~  
~~at least one flap aligned with a larger than said aperture;~~  
~~a first magnetic region secured around the perimeter of and adjacent to said at least one aperture; a ferrite material secured to at least some portion of said substrate; and.~~

and a second magnetic region secured around the perimeter of said flap and opposite said first magnetic region , wherein said second magnetic region is aligned with and has a magnetic attraction to said first magnetic region.

a second material secured to at least some portion of said substrate region wherein said second material is selected from the group consisting of a ferrite or a magnetically receptive material.

Claim 2 (Amended-Please Examine in Divisional - Not Elected in 10/045,371) A

~~container~~ The article of claim 1 further comprising:

a container blank with a body, a top section, and a bottom section formed from one or more substrates, wherein said container has at least one section that can be opened and closed aperture; ~~wherein a first magnetic region secured to said container adjacent to the perimeter of said at least one aperture; and~~

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~~at least one flap secured to said container and covering said at least one aperture wherein the perimeter of said at least one flap has a second magnetic region opposite said first magnetic region wherein said second magnetic region is aligned with and has a magnetic attraction to said first magnetic region.~~

wherein a first ferrite material is secured to at least some perimeter region of said container section selected from the container selection group consisting of: the perimeter region adjacent to said moveable section or the perimeter region of said moveable section;

wherein a second material is secured to an opposite and aligned area of the container wherein said second material is selected from the group consisting of: ferrite material or magnetically receptive material.

generating a magnetic field on said ferrite material that is magnetically attracted to said second material.

Claim 3 (Amended - Please Examine in Divisional - Not Elected in 10/045,371) The article of claim 2 wherein the interior of ~~said container body and said flap has side of said substrate has~~ a polymeric coating.

4. (Withdrawn Allowed in Parent 10/045,371) A method of forming a container comprising the steps of:

providing a substrate;

cutting said substrate to form at least two side panels, two end panels; at least one glue panel extending from at least one end panel, at least two top panels, at least one bottom panel, and a plurality of dust panels secured to said plurality of top and bottom panels;

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forming an aperture in on a first top panel;

forming a moveable flap on a second top panel wherein said moveable flap is aligned with-a and larger than said aperture;

securing a first ferrite material around the external perimeter of said aperture on the external side of said container;

securing a second ferrite material around the interior perimeter of said moveable flap and on the opposite side of the substrate from said first ferrite material;

generating a first magnetic field in said first ferrite material;

generating a second and opposite magnetic field in said second ferrite material:

forming fold line between said plurality of panels;

folding said plurality of panels to form a container wherein said moveable flap is aligned with and covers said aperture in a closed position and wherein said second ferrite material is secured to said first ferrite material by magnetic attraction.

5. (Withdrawn Allowed in Parent 10/045,371) The method of claim 4, wherein said first and second ferrite materials are formed from non-polarized gaskets.

6. (Withdrawn Allowed in Parent 10/045,371) The method of claim 4, wherein said first and second ferrite materials are formed from ink containing metallic particles.

7. (Withdrawn Allowed in Parent 10/045,371) The method of claim 6, wherein said ferrite materials are formed by printing said ink and passing the printed substrate through one or more

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nips formed between hard rolls covered with a release coating, wherein said ink is in a plastic state when passing through the nips.

8. (Withdrawn Allowed in Parent 10/045,371) The method of claim 7, wherein said hard rolls are constructed from a ferromagnetic material and are provided with electromagnetic coils to generate a strong magnetic field oriented normal to the plane of said substrate so as to induce a degree of magnetic anisotropy within said ferrite materials thus enhancing their magnetic properties.

9. (Cancelled in Parent 10/045,371) ~~A method of forming a container comprising:~~  
~~providing a substrate;~~  
~~forming folding lines on said substrate;~~  
~~forming cut lines on said substrate;~~  
~~forming an aperture in said substrate;~~  
~~forming at least one flap aligned with a larger than said aperture;~~  
~~forming a first magnetic region around the perimeter of and adjacent to said at least one aperture;~~  
~~forming a second magnetic region around the perimeter of said flap and opposite said first magnetic region, wherein said second magnetic region is aligned with and has a magnetic attraction to said first magnetic region;~~  
~~folding and securing said substrate along said fold lines to form a container with top, main, and bottom section; and~~  
~~polarizing said first magnetic region with a magnetic pole;~~

10. (Cancelled in Parent 10/045,371) ~~The method of claim 9, wherein said second magnetic region is polarized with an opposite magnetic pole to said first magnetic region.~~

11. (Withdrawn Allowed in Parent 10/045,371) A method of forming a container comprising the steps of:

providing a substrate;

cutting said substrate to form at least two side panels, two end panels; at least one glue panel extending from at least one end panel, at least two top panels, at least one bottom panel, a least one moveable flap, and a plurality of dust panels secured to said plurality of top and bottom panels;

forming an aperture on a first end panel;

forming a moveable flap from said substrate wherein said moveable flap is aligned with and larger than said aperture;

securing a first ferrite material around the external perimeter of said aperture on the external side of said container;

securing a second ferrite material around the interior perimeter of said moveable flap and on the opposite side of the substrate from said first ferrite material;

generating a first magnetic field in said first ferrite material;

generating a second and opposite magnetic field in said second ferrite material;

forming fold line between said plurality of panels;

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folding said plurality of panels to form a container wherein said moveable flap is aligned with and covers said aperture in a closed position and wherein said second ferrite material is secured to said first ferrite material by magnetic attraction.

12. (Withdrawn filed as new in continuation of Parent 10/045,371) A method of forming a magnetized article comprising the steps of:

providing a substrate; and

securing at least one ferrite material on at least some portion of the substrate.

13. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 12 wherein said ferrite material is a non-polarized gaskets.

14. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 12 wherein said ferrite material comprises an ink with at least some metallic particles.

15. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 14 wherein said ferrite material comprises iron.

16. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 12 wherein a magnetic field is generated in said ferrite material after it is secured to said substrate.

17. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 12 wherein a magnetic field is generated in said ferrite material before it is secured to said substrate.

18. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 12 wherein a magnetically receptive material is secured to at least some portion of said substrate.

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19. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 18 wherein said substrate is formed into a container.

20. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 13 wherein said ferrite material is secured to said substrate by adhesive means.

21. (Withdrawn filed as new in continuation of Parent 10/045,371) The method of claim 14 wherein said ferrite materials are secured to said substrate by a printing means.

22. (Withdrawn filed as new in continuation of Parent 10/045,371) A method of forming a container comprising the steps of:

providing a substrate;

manipulating said substrate to form at least two or more panels of a container;

securing a ferrite material on at least some portion of said substrate;

securing a magnetically receptive material on at least some portion of said substrate;

generating a magnetic field in said ferrite material;

manipulating said two or more panels to form a container wherein said ferrite material is secured to at least some portion of said magnetically receptive material by magnetic attraction.

23. (New-divisional application) A container comprising:

one or more substrates cut and folded to form at least two side panels, two end panels; at least two top panels, at least one bottom panel;

forming an aperture in said first top panel;

forming a moveable flap on said second top panel wherein said moveable flap is aligned with and larger than said aperture;

securing a first ferrite material around the external perimeter of said aperture on the external side of said container;

securing a second material around the interior perimeter of said moveable flap and on the opposite side of the substrate from said first ferrite material wherein said second material is selected from the group consisting of: ferrite material and magnetically receptive material;

generating a magnetic field in said first ferrite material that is magnetically attracted to said second material;

folding said plurality of panels to form a container wherein said moveable flap is aligned with and covers said aperture in a closed position and wherein said second material is secured to said first ferrite material by magnetic attraction.

24. The container of claim 23 wherein said ferrite material comprises non-polarized gaskets.

25. The container of claim 24 wherein said non-polarized gaskets are secured to said substrate by adhesive means.

26. The container of claim 24 wherein said ferrite material comprises ink containing metallic particles.

27. The container of claim 26 wherein said metallic particles comprise iron or iron compounds.

28. The container of claim 26 wherein said ferrite materials are secured to said substrate by printing means.

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29. The container of claim 23 wherein said magnetic field is generated before securing the ferrite region to the substrate.

30. The container of claim 23 wherein said magnetic field is generated after securing the ferrite region to the substrate.